

# Nu-Tek Soy Peptone HSP-N

Product Code: 1175



QMS Certification Services

## For Cell Culture Media and Industrial Fermentation

HSP-N is an enzymatically hydrolyzed Non-GM soy protein powder high in low molecular weight peptides. This product has been designed to have higher nitrogen content to help customers match registration requirements and fortify their supply chain. The product is brilliantly clear in solution and can be used in industrial fermentation and advanced cell culture media applications. HSP-N is Animal-free, Kosher and HALAL.

### SPECIFICATIONS:

#### Physical Analysis:

Moisture	< 5.0%
Total Nitrogen (dry basis)	>8.75%
pH (2% Solution)	6.7-7.5

#### Microbiological Analysis:

Standard Plate Count	<5,000 cfu/g
Coliform	<10 cfu/g
Yeast & Mold	<50 cfu/g
Salmonella	Negative/25g

#### Storage Requirements:

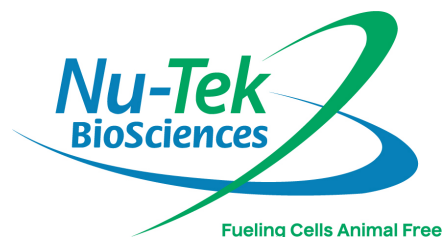
This product should be kept in a cool, dry and ventilated place. The product should be used as soon as possible after the bag has been opened. Any partially used bags must be sealed properly to prevent moisture absorption by product.

#### Shelf Life:

The shelf life of the product is 3 years when stored at <30° C.

### Typical Amino Acid Profile

Amino Acid	mg/g Free	
ASP	52.6	5.3
CYS	NA	NA
SER	22.6	2.3
TYR	8.8	0.9
GLU	86.7	8.7
VAL	20.2	2
GLY	17.5	1.8
MET	5.9	0.6
HIS	11.8	1.2
LYS	23.4	2.3
ARG	18.5	1.8
ILE	19	1.9
THR	17.4	1.8
LEU	28.8	2.9
ALA	19.6	2
PHE	18.7	1.9



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